

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012327.D
 Acq On : 23 Jan 2023 20:29
 Operator : KP/MD
 Sample : 01243-05
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

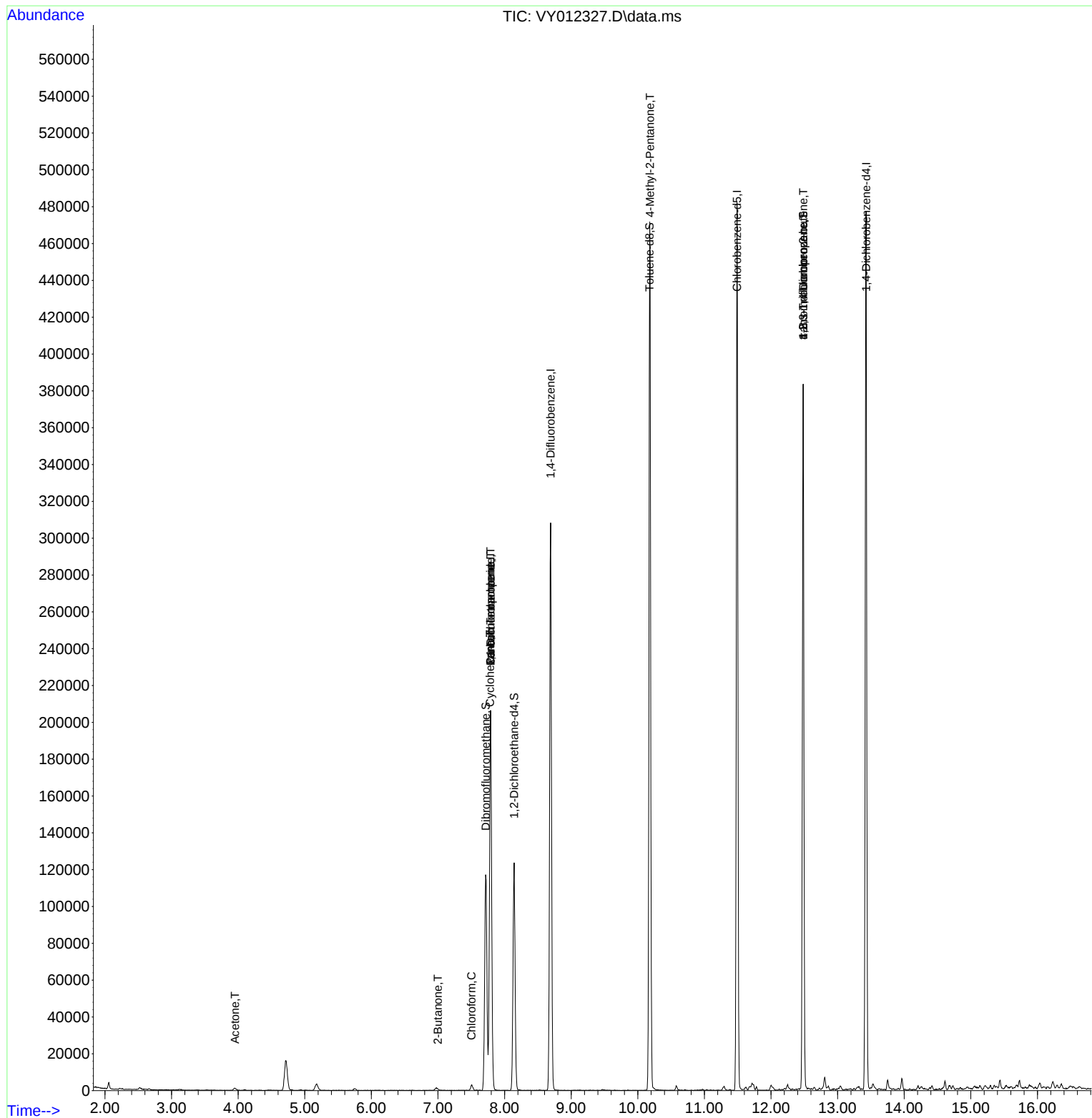
Internal Standards						
1) Pentafluorobenzene	7.789	168	157813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101297	79.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.560%	
35) Dibromofluoromethane	7.716	113	79807	56.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.540%	
50) Toluene-d8	10.179	98	319406	66.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.820%	
62) 4-Bromofluorobenzene	12.483	95	110082	55.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	212	Below Cal	#	74
16) Acetone	3.954	43	2131	4.849	ug/l	91
20) Methylene Chloride	4.722	84	13592	Below Cal	#	84
25) 2-Butanone	6.996	43	516	1.064	ug/l	# 46
30) Chloroform	7.502	83	3065	1.048	ug/l	96
31) Cyclohexane	7.783	56	2922	1.270	ug/l	# 26
36) 1,1-Dichloropropene	7.789	75	10902	4.523	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	15804	5.076	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.185	43	1187	1.126	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	60243	51.405	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	60243	105.918	ug/l	# 13

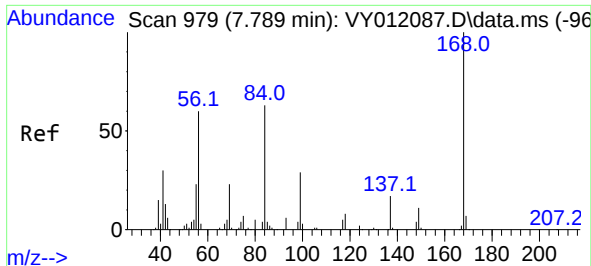
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

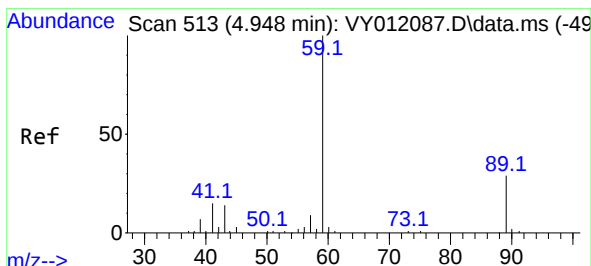
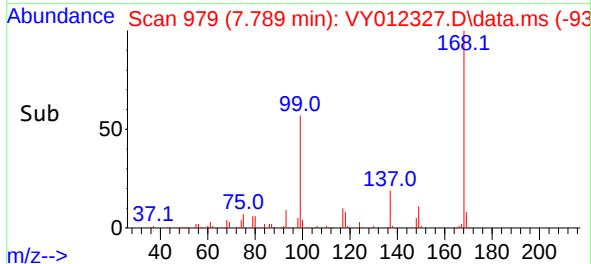
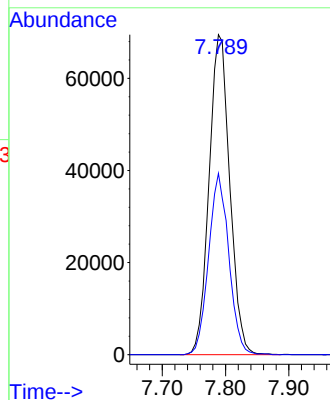
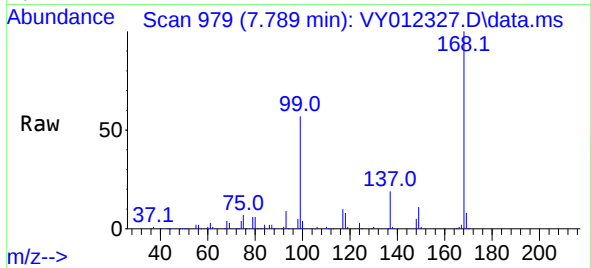




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

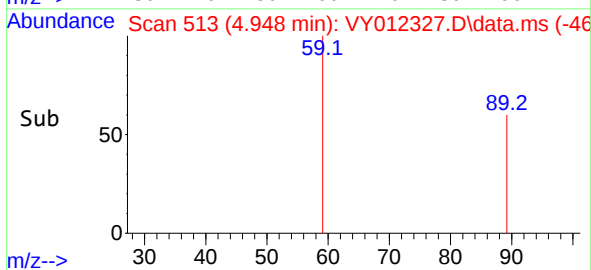
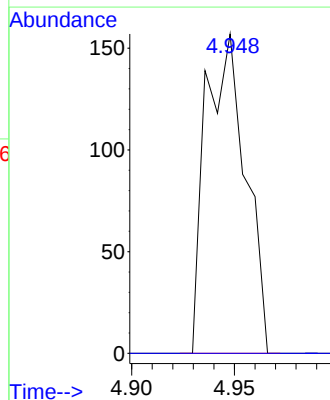
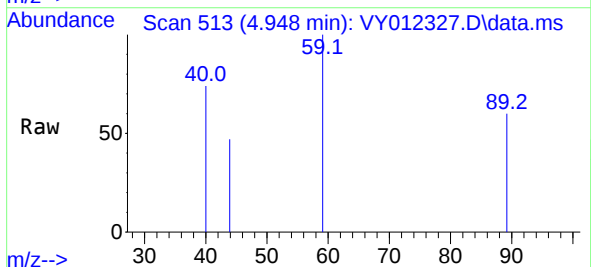
Instrument :
MSVOA_Y
ClientSampleId :

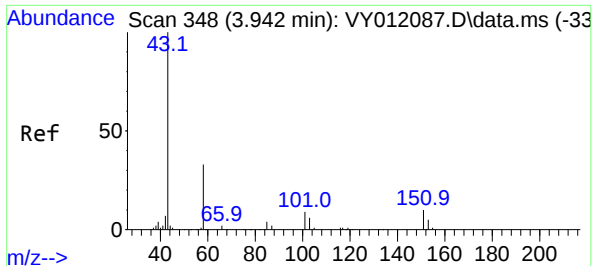
Tgt Ion:168 Resp: 157813
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

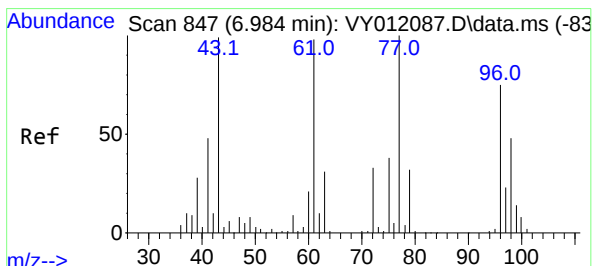
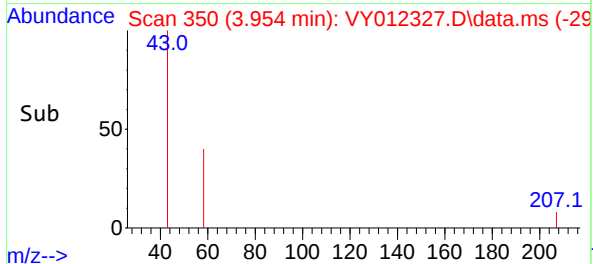
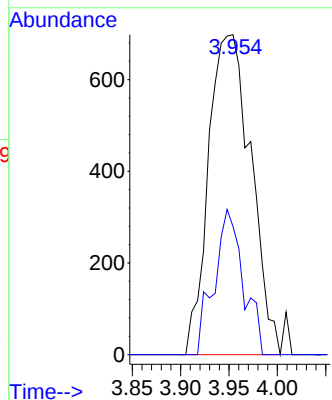
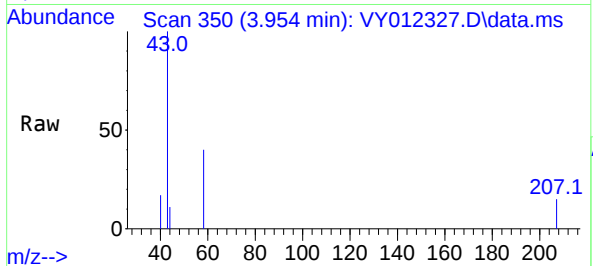




#16
Acetone
Concen: 4.849 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

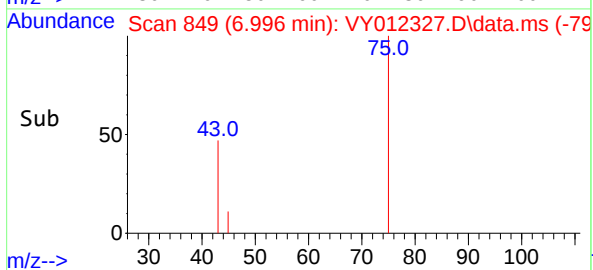
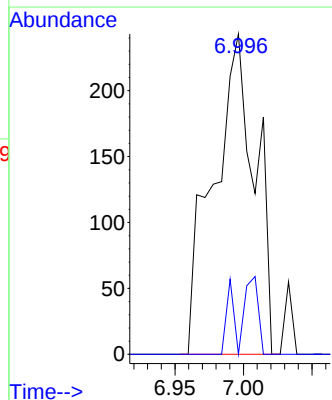
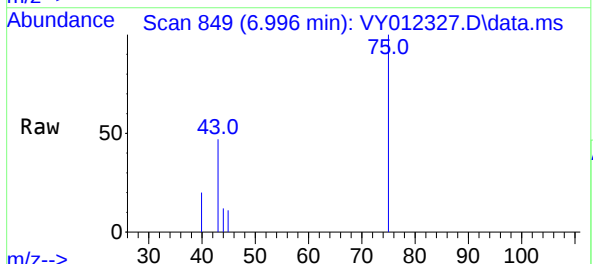
Instrument :
MSVOA_Y
ClientSampleId :

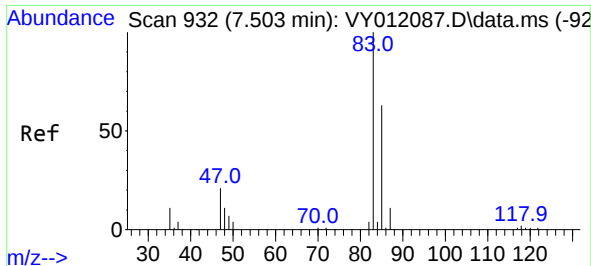
Tgt Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
58 40.1 27.9 41.9



#25
2-Butanone
Concen: 1.064 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#

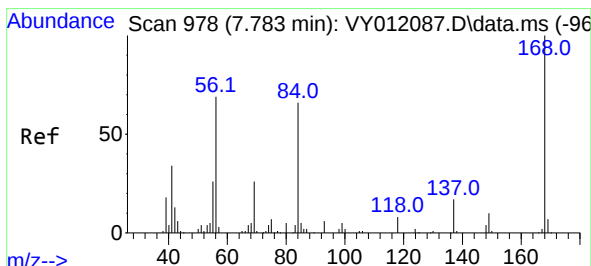
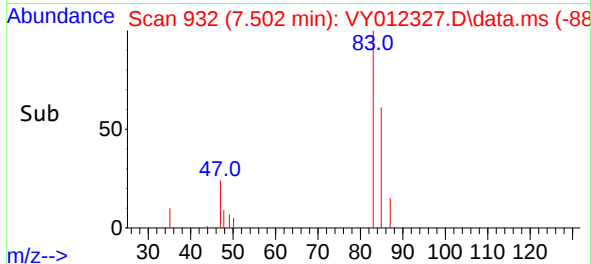
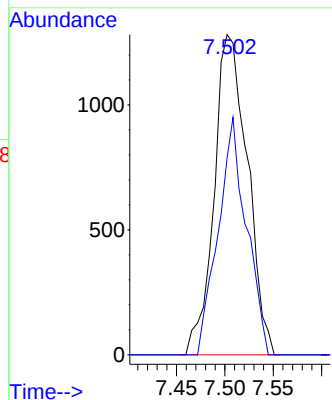
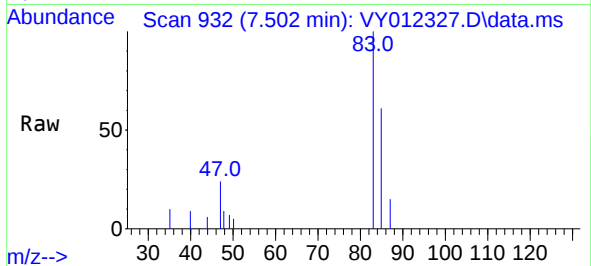




#30
Chloroform
Concen: 1.048 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

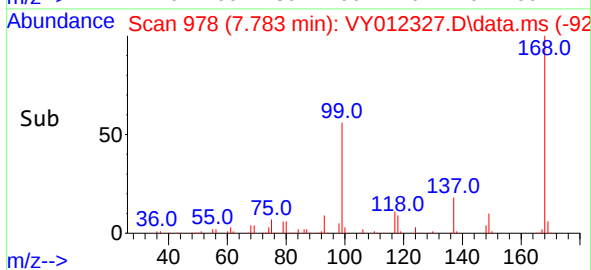
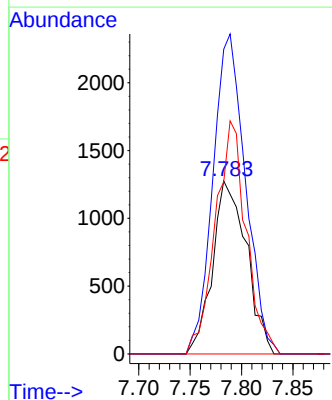
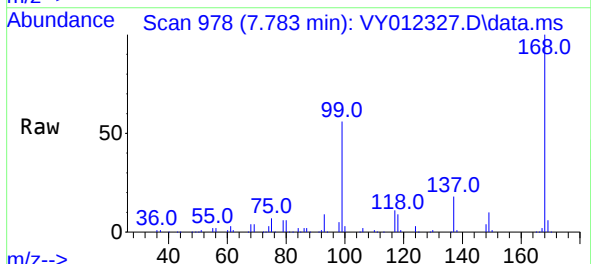
Instrument :
MSVOA_Y
ClientSampleId :

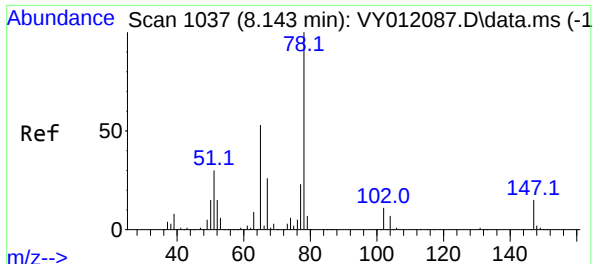
Tgt Ion: 83 Resp: 3065
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion: 56 Resp: 2922
Ion Ratio Lower Upper
56 100
69 176.2 29.2 43.8#
84 99.5 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 79.781 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012327.D

Acq: 23 Jan 2023 20:29

Instrument :

MSVOA_Y

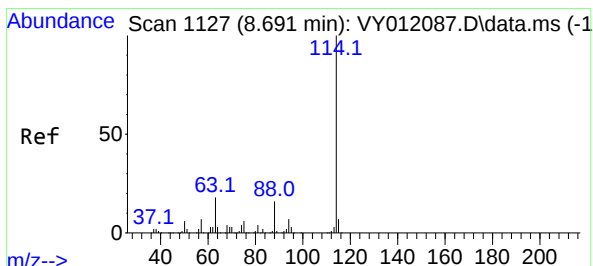
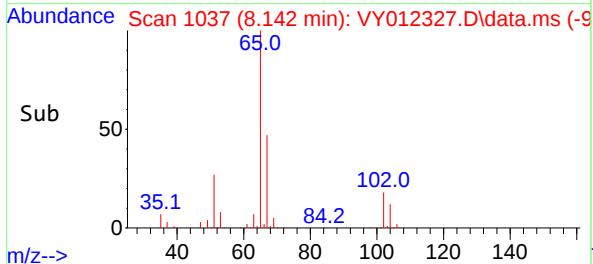
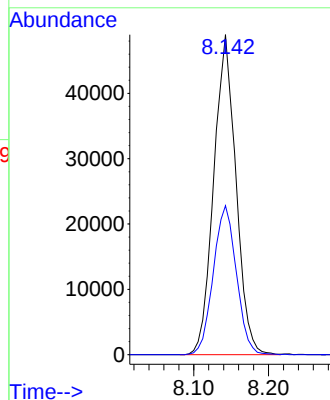
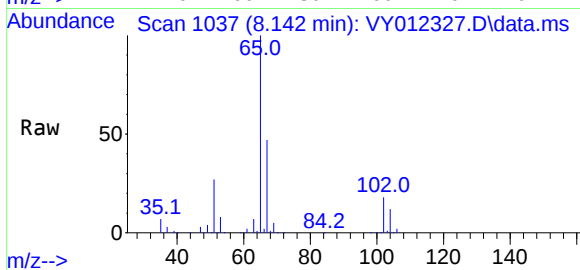
ClientSampleId :

Tgt Ion: 65 Resp: 101297

Ion Ratio Lower Upper

65 100

67 48.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012327.D

Acq: 23 Jan 2023 20:29

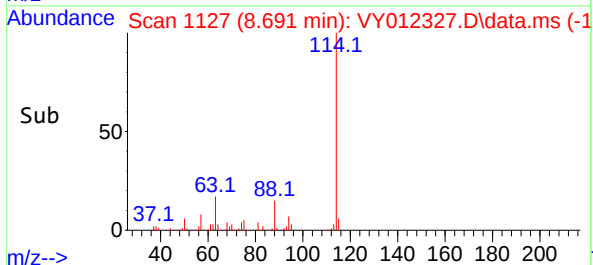
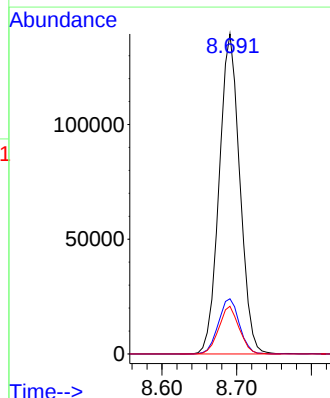
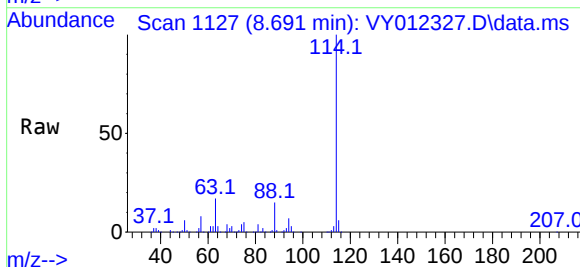
Tgt Ion:114 Resp: 267876

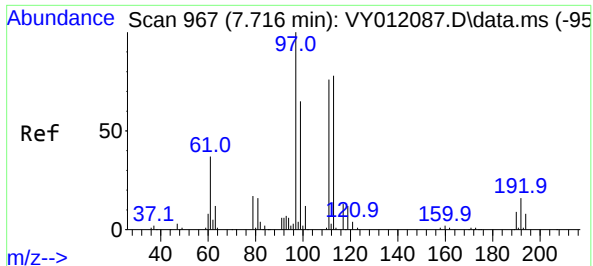
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.9 0.0 32.2

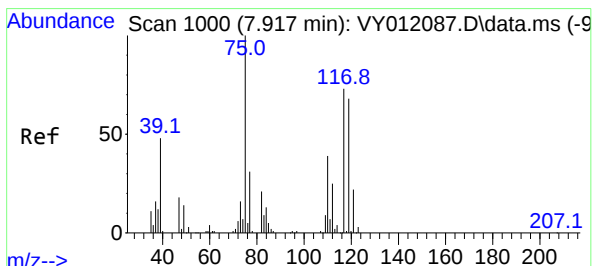
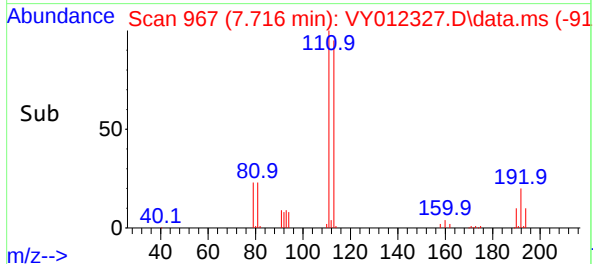
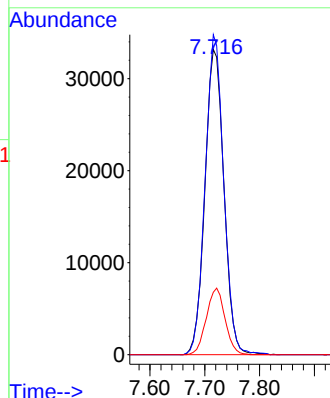
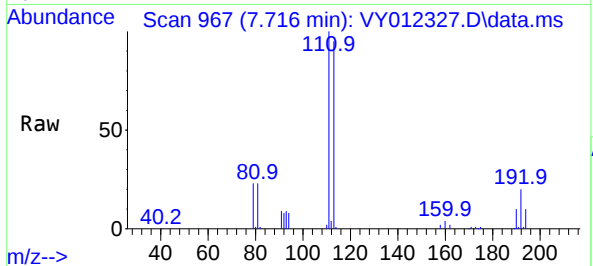




#35
Dibromofluoromethane
Concen: 56.265 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

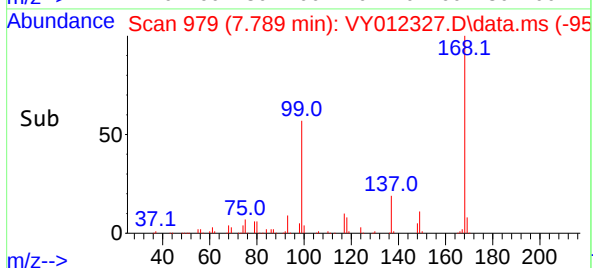
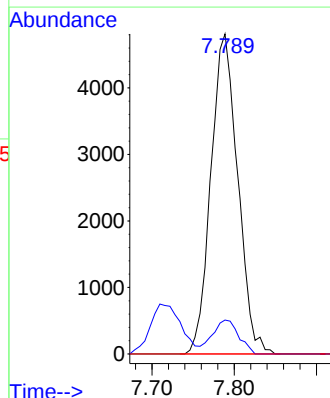
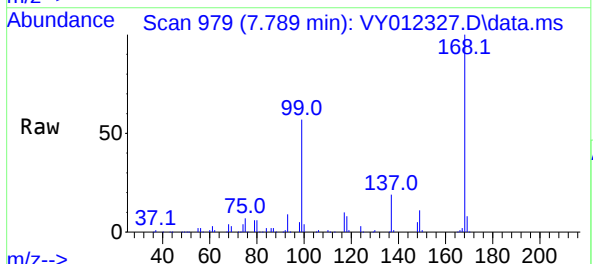
Instrument :
MSVOA_Y
ClientSampleId :

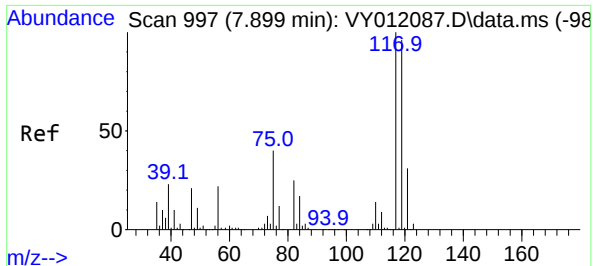
Tgt Ion:113 Resp: 79807
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

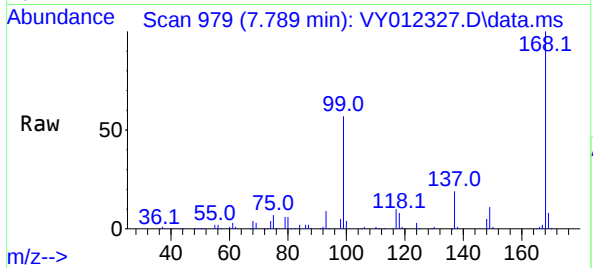
Tgt Ion: 75 Resp: 10902
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#



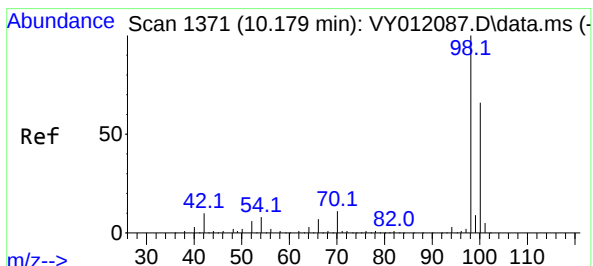
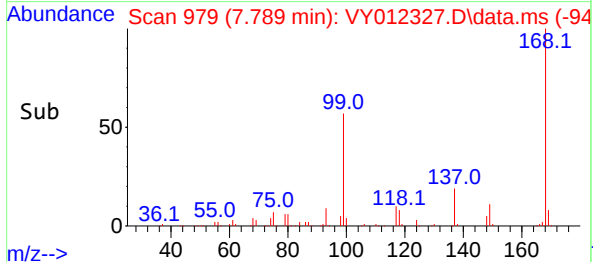
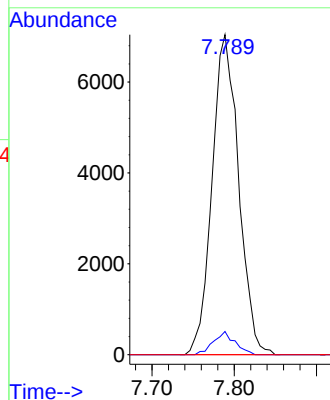


#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Instrument :
MSVOA_Y
ClientSampleId :

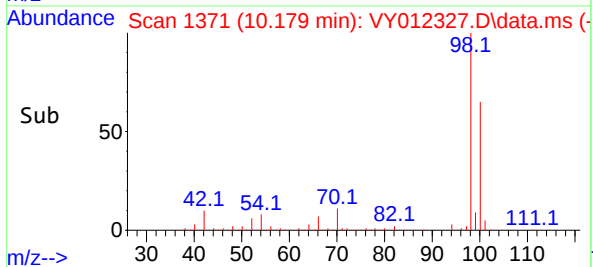
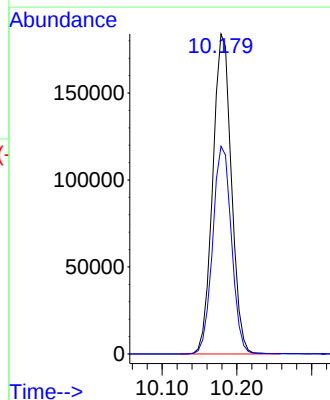
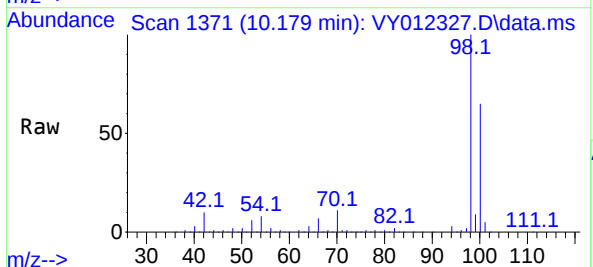


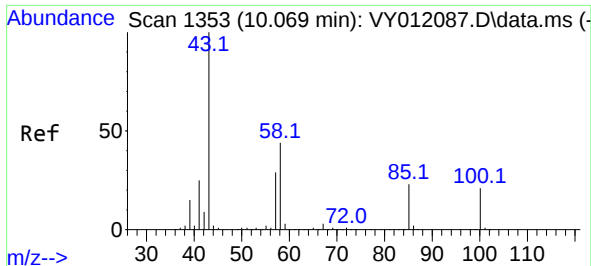
Tgt Ion:117 Resp: 15804
Ion Ratio Lower Upper
117 100
119 7.2 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion: 98 Resp: 319406
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

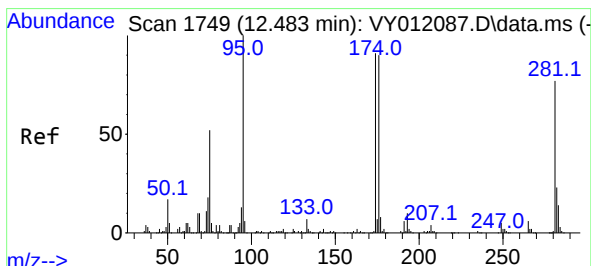
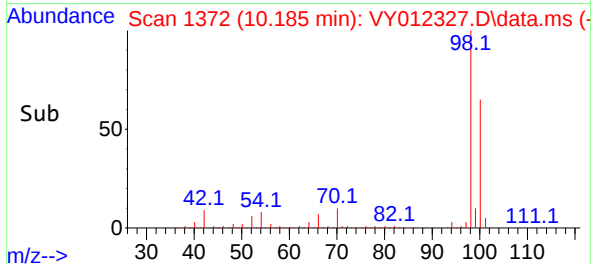
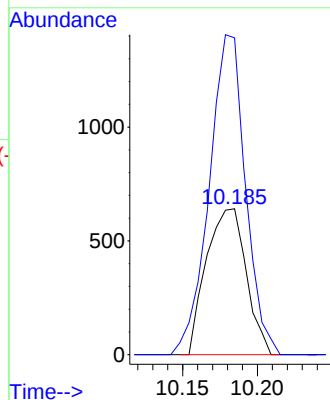
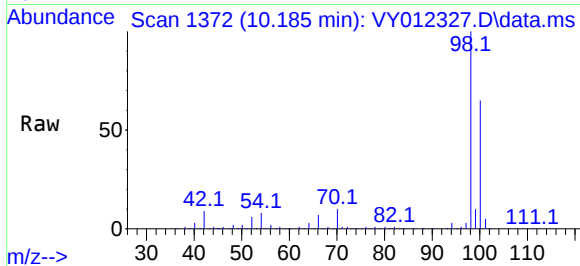




#51
4-Methyl-2-Pentanone
Concen: 1.126 ug/l
RT: 10.185 min Scan# 1187
Delta R.T. 0.116 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

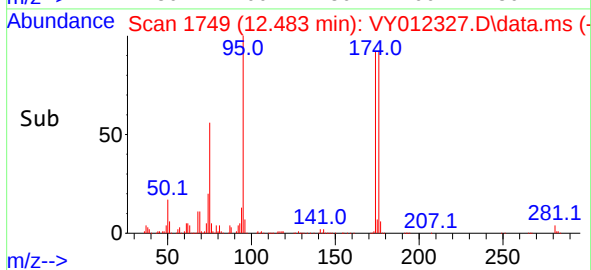
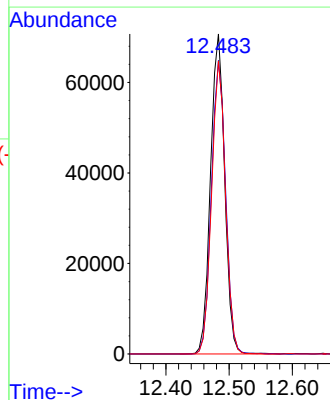
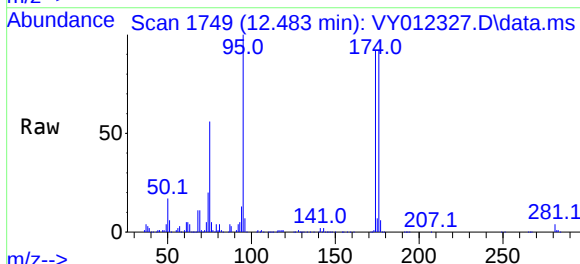
Instrument :
MSVOA_Y
ClientSampleId :

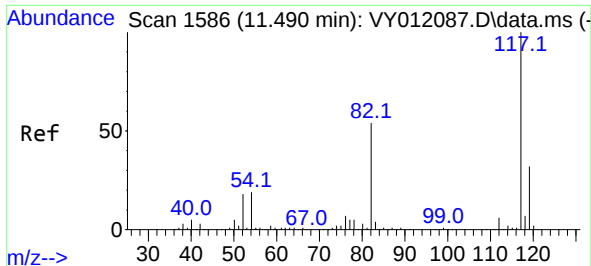
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 200.3 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 55.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion: 95 Resp: 110082
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 89.9 0.0 167.6

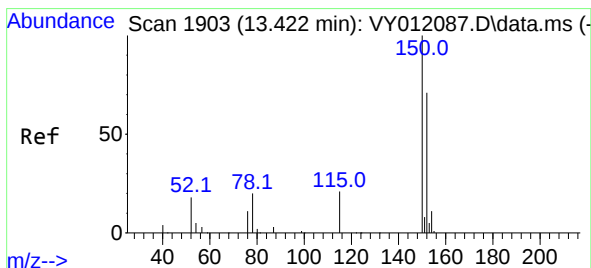
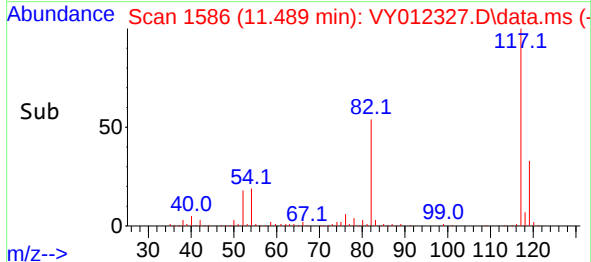
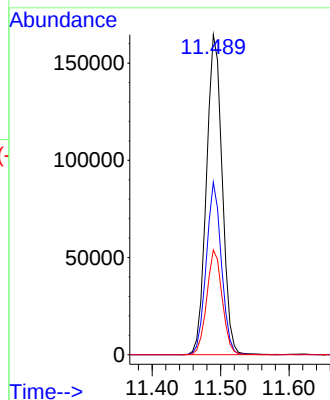
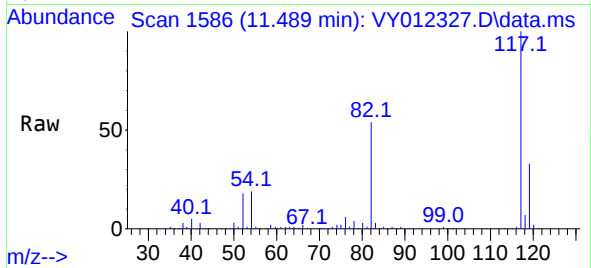




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

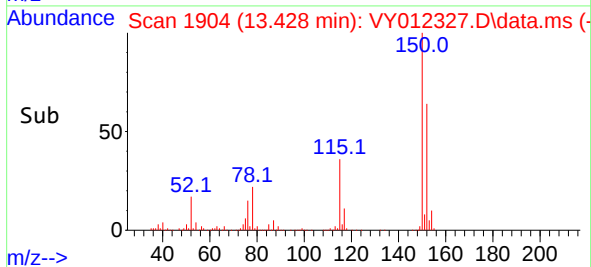
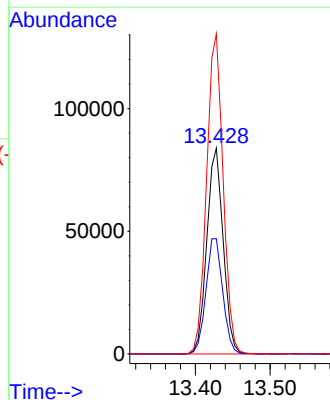
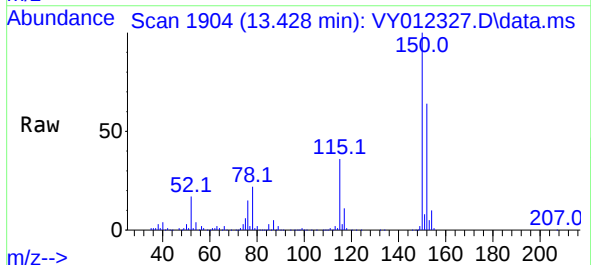
Instrument :
MSVOA_Y
ClientSampleId :

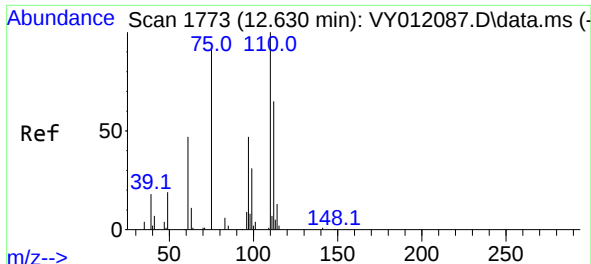
Tgt Ion:117 Resp: 264002
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion:152 Resp: 127447
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.6 0.0 342.6

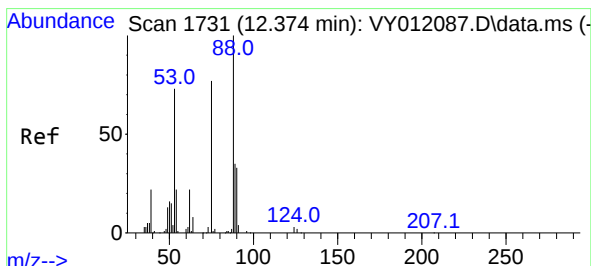
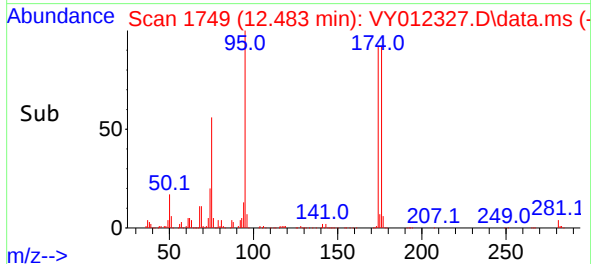
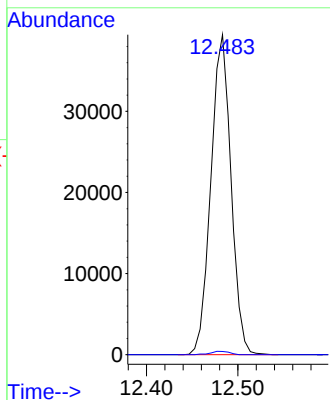
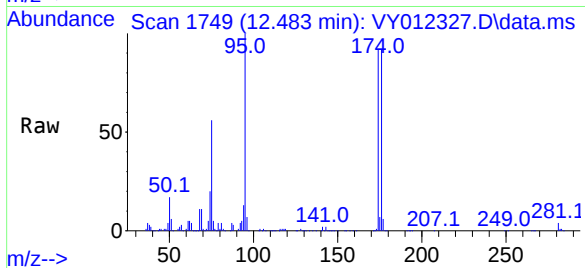




#76
1,2,3-Trichloropropane
Concen: 51.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60243
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012327.D
Acq: 23 Jan 2023 20:29

Tgt Ion: 75 Resp: 60243
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

